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TITLE: METHOD FOR CONTROLLING START OF ARC IN ARC WELDING WITH  
ROBOT

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ABSTRACT:

PROBLEM TO BE SOLVED: To provide a method for controlling the start of an arc in an arc welding with a robot, by which a generation of welding defect due to the increase in the arc length during a delay time of response is prevented, the decrease in productivity due to the delay time of response is prevented, and an excellent start of the arc is realized.

SOLUTION: The delay time of response is remarkably shortened when the tip of a wire is set close to a work to be welded by advancing a manipulator while feeding is suspended in place of an advancing feeding and the tip of the wire is separated from the work to be welded by reversing the manipulator while feeding is suspended in place of a reversing feeding, thus an excellent start of the arc is realized in the arc welding with robot.

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